


# Li-ion Battery User Manual (Rear Rack Type II)



This manual contains important safety, performance and service information. Read it before you take the first ride on your new bicycle, and keep it for reference. The manual can also be found online at [www.motrike.com](http://www.motrike.com).

## Introduction



**Battery Level Indicator** ----- Short press  button the indicator will turn on.

1 red, 3 green --- 100%

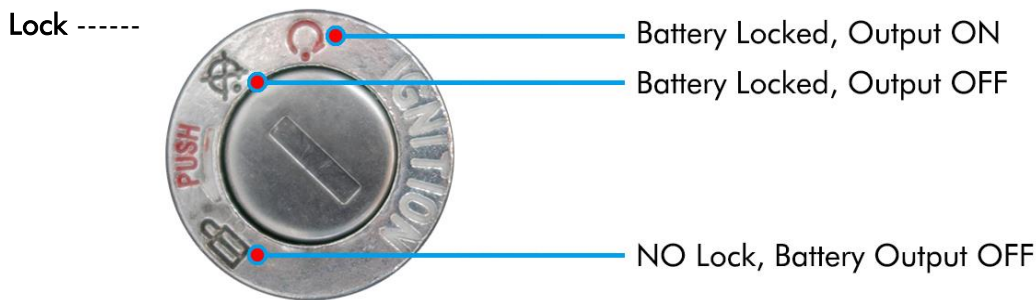
1 red, 2 green --- 75%

1 red, 1 green --- 50%

1 red, 0 green --- 25%

**Tail Light** ----- Long press  button the indicator will turn ON/OFF.

**Charging Port** ----- Charging current can not be more than 5 Amps.



To remove the battery, switch the key to NO Lock position, then pull the battery (using the battery handle) to slide it out from the holder.

**Key must be pushed in to turn all the way ON.**

**Operating** - Always switch the battery off, when inserting or removing it from the holder.

**Charging** - Battery should be charged in a dry location and at room temperature.

**Cleaning** - Cleaning with a direct water jet is impermissible, in particular to protect the electronic components. Before cleaning the eBike, remove the battery. Occasionally clean and lightly grease the connection port.

**Storage** - Store batteries in a dry location at temperatures between 0 and 20°C. Temperatures below -10°C and above 60°C should be avoided. Fully charging or fully discharging results in higher loading of the battery. The ideal charge status for lengthy periods of storage is approx. 30 to 60% or two to three LEDs on the battery indicator.

**Transport** - Always remove the battery pack from the bicycle before transporting the bicycle on a vehicle bike rack.

**Winter use** - During winter use (particularly below 0°C) we recommend charging and storing the battery at room temperature before inserting the battery in the eBike immediately before riding it. For longer journeys in the cold, it is advisable to use thermal protective covers.

**Correct disposal of damaged, used and redundant battery** - Do not touch heavily damaged batteries with your bare hands, since electrolyte may leak and cause skin irritation. Damaged batteries are best stored in a safe place outdoors with the connection port taped over.

## WARNING

**Read and understand all safety warnings. Failure to follow the below warnings could result in death or serious injury. Save all safety warnings and instructions for future reference.**

- Do not puncture or crush the battery pack. Do not impact the battery pack or modify it in any way. Do not use the battery pack if it shows visible damage. Danger of fire or explosion which can cause death or serious injury.
- Protect the battery pack against heat (e.g., temperature >60°C), fire and immersing into water. Danger of explosion.
- Remove the battery from the eBike before beginning work (e.g. inspection, repair, assembly, maintenance, etc.) on the eBike, transporting it with a car or airplane, or storing it. Unintentional activation of the eBike system poses a risk of injury.
- Do not open the battery. There is a risk of shortcircuiting. Opening the battery voids any and all warranty claims.

- Never touch the two battery electrodes at the same time as this could cause an electric shock.
- When the battery is not in use, keep it away from paper clips, coins, keys, nails, screws or other small metal objects that could make a connection from one terminal to another. A short circuit between the battery terminals may cause burns or a fire. Short circuit damage which occurs in this instance voids any and all warranty claims against TrikExplor.
- Avoid mechanical loads and exposure to high temperatures. These can damage the battery cells and cause the flammable contents to leak out.
- Do not place the battery near flammable materials. Ensure the battery is completely dry and placed on a fireproof surface before charging. There is a risk of fire due to the heat generated during charging.
- The eBike battery must not be left unattended while charging.
- If used incorrectly, liquid may leak from the battery. Contact with this liquid should be avoided. If contact accidentally occurs, rinse off with water. If the liquid comes into contact with your eyes, seek additional medical attention. Liquid leaking from the battery may cause irritation or scalding.
- Battery must not be subjected to mechanical shock. There is a risk of the battery being damaged.
- The battery may give off fumes if it becomes damaged or is used incorrectly. Ensure the area is well ventilated and seek medical attention should you experience any adverse effects. The fumes may irritate the respiratory system.
- Only charge the battery using original TrikExplor chargers. When using chargers that are not supplied by TrikExplor, the risk of fire cannot be excluded.
- Keep the battery away from children.

The safety of both our customers and our products is important to us. Our eBike batteries are lithium-ion batteries which have been developed and manufactured in accordance with the latest technology. We comply with or exceed the requirements of all relevant safety standards. When charged, these lithiumion batteries contain a high level of energy. If a fault occurs (which may not be detectable from the outside), in very rare cases and under unfavorable conditions, lithium-ion batteries can catch fire.